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Appl. No. 10/800,438  
Amdt. dated December 29, 2006  
Reply to Office action of October 4, 2006

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (currently amended) A multiple electrode assembly for bioelectric monitoring comprising:
  - a body having a top surface, a bottom surface, an outer edge, and a middle;  
an electrical isolation slit having opposing ends, wherein said middle of said body defines a slit therein to comprise said electrical isolation slit;
  - a plurality of electrical isolation perforations having opposing ends, wherein said electrical isolation perforations extend from said opposing ends of said electrical isolation slit to said outer edge of said body, and wherein said electrical isolation perforations and said electrical isolation slit combine to bisect said body;
  - a plurality of insertion holes in said body wherein said body comprises a plurality of holes therein to comprise said insertion holes, said insertion holes being placed in said body in pairs;
  - a plurality of lead attachments inserted through said insertion holes; and
  - a skin attachment attached to said bottom surface of said body.
2. (previously presented) The multiple electrode assembly as defined in Claim 1, wherein said body is selected from the group consisting of plastic, rubber, and fabric.
3. (previously presented) The multiple electrode assembly as defined in Claim 1, wherein said lead attachments are selected from the group consisting of steel, copper, aluminum, and metal-coated plastic.
4. (original) The multiple electrode assembly as defined in Claim 1, wherein said skin attachment is an electrically conductive adhesive.

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5. (original) The multiple electrode assembly as defined in Claim 1, further comprising a peel-off backing with a side removably attached to said bottom surface of said body.

6. (canceled)

7. (canceled)

8. (previously presented) The multiple electrode assembly as defined in Claim 5, further comprising a peel tab attached to said side of said peel-off backing.

9. (previously presented) The multiple electrode assembly as defined in Claim 1, wherein said body is circular in shape.

10. (withdrawn) The multiple electrode assembly as defined in Claim 1, wherein said body is rectangular in shape.

11. (withdrawn) The multiple electrode assembly as defined in Claim 1, wherein said body is bone-shaped.

12. (withdrawn) The multiple electrode assembly as defined in Claim 1, wherein said body is shaped like two squares with one corner of each overlapping.

13. (previously presented) The multiple electrode assembly as defined in Claim 1, wherein said lead attachments are nipple shaped.

14. (withdrawn) The multiple electrode assembly as defined in Claim 1, wherein said lead attachments each comprise:

a lead insertion;

a wire with opposite ends with one end attached to said lead insertion; and

a lead connector attached to said opposite end of said wire.

15. (currently amended) A multiple electrode assembly for bioelectric monitoring comprising:

a body having a top surface, a bottom surface, an outer edge, and a middle;

an electrical isolation slit having opposing ends, wherein said middle of said

body defines a slit therein to comprise said electrical isolation slit;

a plurality of electrical isolation perforations having opposing ends, wherein

said electrical isolation perforations extend from said opposing ends of said

electrical isolation slit to said outer edge of said body, and wherein said

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electrical isolation perforations and said electrical isolation slit combine to bisect said body;

a plurality of insertion holes in said body wherein said body comprises a plurality of holes therein to comprise said insertion holes, said insertion holes being placed in said body in pairs;

a plurality of lead attachments inserted through said insertion holes;

an electrically conductive adhesive attached to said bottom surface of said body; and

a peel-off backing with a side removably attached to said bottom surface of said body.

16. (canceled)

17. (canceled)

18. (previously presented) The multiple electrode assembly as defined in Claim 15, further comprising a peel tab attached to said side of said peel-off backing.

19. (withdrawn) The multiple electrode assembly as defined in Claim 15, wherein said lead attachments each comprise:

a lead insertion;

a wire with opposite ends with one end attached to said lead insertion; and

a lead connector attached to said opposite end of said wire.

20. (withdrawn) A multiple electrode assembly for bioelectric monitoring comprising:

a body having a top surface, a bottom surface, and a middle;

a plurality of insertion holes in said body wherein said body comprises a plurality of holes therein to comprise said insertion holes;

a plurality of lead insertions inserted through said insertion holes;

a plurality of wires with opposite ends with one end attached to said lead insertions;

a plurality of lead connectors attached to said opposite ends of said wires;

an electrically conductive adhesive attached to said bottom surface of said body; and

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a peel-off backing with a side removably attached to said bottom surface of  
said body.